

Peak District National Park

Forecast valid from 06:00 on Sunday 24 Jul 2022 until 23:59 on Monday 25 Jul 2022

Forecast Issued on Sunday 24 Jul 2022 at 04:21

Confidence: High for unsettled conditions, but moderate confidence in low cloud and precipitation detail on Sunday and Monday. High confidence for mostly settled conditions to become established from mid-week.

Headline for Sunday 24 Jul 2022: Mostly cloudy, with rain or showers on Sunday. Windy on the summits, with a low risk of gales.

Mountain weather hazards on Sunday 24 Jul 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

Low Likelihood

Severe chill effect

No Likelihood

Poor visibility

Low Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Cloudy	Light rain	Light rain showers	Light rain showers	Cloudy
Precipitation probability					
10%	10%	30%	60%	40%	10%

Forecast for Sunday 24 Jul 2022

Weather: Low cloud and outbreaks of rain or drizzle may linger on some western slopes, otherwise a cloudy but fine day. Low cloud lifting and breaking to give some bright or sunny spells. Scattered showers will break out during the afternoon. These showers are likely to be heavy at times. Strong, blustery winds expected throughout the day with a low risk of gales over summits.

Chance of cloud-free hill tops above 600m: 60% on western-facing slopes initially. Otherwise 90%.

Low cloud and visibility: Patchy cloud bases down to around 500metres, mainly western areas. Bases soon lifting clear of summits with visibility becoming good or very good, but occasionally falling to Moderate or Poor in heavier showers.

Forecast for Sunday 24 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/33 SW	26/33 SW	24/33 SW	25/33 SW	27/36 SW	25/34 SW	25/34 SW
300	19/26 SW	20/27 SW	19/27 SW	19/29 S	20/29 SW	19/29 SW	17/27 SW
Valley	11/24 SW	13/26 SW	13/26 SW	14/28 S	13/29 SW	12/27 SW	11/26 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/10	15/10	16/11	16/11	15/10	14/10	13/9
300	16/13	17/14	18/14	18/15	18/14	16/13	15/12
Valley	16/15	18/16	19/17	19/17	18/16	17/15	16/14
Freezing Level*	2700m	2700m	3200m	3300m	2700m	2700m	2600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Windy conditions will make for fairly arduous walking on exposed terrain with buffeting of clothing. Strong sunlight is possible during any brighter spells so adequate UV protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 24 Jul 2022	0.4mm	9.4mm	11.2mm

Forecast for Monday 25 Jul 2022

Weather: Cloud will cover mainly higher summits overnight and early morning, before gradually lifting to give some bright or sunny spells during the day. Scattered showers breaking out from mid-morning, perhaps merging into longer spells of rain at times. Showers are likely to turn locally heavy at times, and possibly thundery. Any showers easing by the evening, becoming largely dry, with some sunny spells.

Maximum wind: Westerly 20-25mph, with gusts up to 30-35mph, locally 40mph, on some summits.

Chance of cloud-free hill tops above 600m: 30% at first on western-facing slopes, otherwise 90%.

Low cloud and visibility: Patchy cloud may cover summits with bases down to around 400m during the morning otherwise cloud bases staying above the summits. Becoming moderate or poor in heavier showers throughout the day.

Temperature: **Valleys:** Plus 12 Celsius, becoming Plus 18 Celsius.
At 600m: Plus 11 Celsius, becoming Plus 14 Celsius.
Freezing level: Above the summits.